

Suraj S Jain

A self-motivated innovator who wants to build the future by working on impactful technologies that drive change.

EXPERIENCE

Hashedin by Deloitte, Bangalore, India — *Intern, Software Development (February 2021 - Present)*.

Currently being trained on full-stack development using open-source technologies.

Klikpack Technologies Pvt. Ltd., Bangalore, India — *Founder, CEO (August 2020 - Present)*.

Working on the package pooling app "Speeve" to make couriers faster and cheaper at the same time. (<https://www.speeve.com/>)

Personal Air Quality Systems (PAQS) Pvt. Ltd., Bangalore, India — *Deep Learning Intern (May 2019 - May 2019)*.

Built Deep Learning-based computer vision models to detect the presence of aflatoxins in the images of food samples mixed with methanol.

EDUCATION

Christ (Deemed to be University), Bangalore, India — *B.Tech in Computer Science and Engineering (GPA 3.85/4)*.

August 2017 - July 2021 (Expected)

PUBLISHED RESEARCH

- 1) Lepcha, S., Jain, S. S., Kumar, S., Puneeth, C., Singhal, N., Saw, A. K., ... & Unal, A. (2020). **Smart Portable Neonatal Intensive Care for Rural Regions**. In *ICT Analysis and Applications* (pp. 375-385). Springer, Singapore. (https://link.springer.com/chapter/10.1007/978-981-15-0630-7_37)
- 2) Ghosh, S., Kumar, S., Lepcha, S., & Jain, S. S. (2020). **Toxic Text Classification**. In *Data Science and Security* (pp. 251-260). Springer, Singapore. (https://link.springer.com/chapter/10.1007/978-981-15-5309-7_27)

OPEN-SOURCE PROJECTS

Smart Aquaponics — *Cheap and automated IoT-based organic farming system that can be used indoor as well as outdoor, at any scale. (WizNet hackathon winner)*. (<https://hackster.io/neuron/smart-aquaponics-with-dashboard-4e8b23>).

CryptoPay — *Cryptocurrency payment gateway. (Ardor hackathon 3rd place)*. (<https://surajsain.ml/cryptopay.html>).

Image Object Dimension Measurement — *Using Deep Learning for measuring the real-world dimensions of objects by their images*. (https://surajsain.ml/img_objdim_doc.html).

Universal Medical History — *An app to book doctor visits, track all your medical history, and sell basic healthcare data through blockchain using Ocean Protocol*. (<https://devpost.com/software/universal-medical-history-umh-app>).

Social Media Analytics Tool — *A web-based, AI-Driven analytics tool for Twitter that improves with usage*. (https://surajsain.ml/sma_doc.html).

KetoWit — *A voice-based diet assistant that provides shopping and food suggestions for people following the Keto Diet*. (<https://devpost.com/software/ketowit-a-voice-based-keto-diet-assistant>).

Interactive WBS based budget management tool — *Allowing organizations to manage their promotional budget. (Hindustan Unilever hackathon runner-up)*. (<https://github.com/surajsain/interactive-wbs-management-tool/>).

Gymmie — *A cross-platform mobile app for managing gym workout sessions*. (<https://github.com/surajsain/gymmie>).

Smart Trashcan — *An IoT-based trashcan built using Raspberry Pi to achieve better trash management*. (<https://github.com/surajsain/Smart-Dust-Bin/>).

EXTRACURRICULAR AND TEACHING ACTIVITIES:

Neuron Club, AI-based research club at Christ (Deemed to be University), Bangalore — *Vice President. (June 2019 - August 2020)*.

Worked on cutting edge research involving AI, and also taught workshops for AI enthusiasts at Christ University.

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AWARDS

1st prize (Wow Prize) winner, WIZnet's International IoT iOffload Contest, 2019.

3rd prize winner, Ardor community international blockchain hackathon 2020. (ardor.tools/submissions.html)

Top Contributor, Stackoverflow (top 7% in June 2020, top 12% in 2nd quarter 2020).

Top 5 (Runner up), Hindustan Unilever ETS BFS Hackathon, September 2019.

Finalist, at Unilever ETS BFS datathon, February 2019. And Unilever Europe hackathon 2020.

SKILLS

Programming Languages: Python, Java, Dart, TypeScript, JavaScript, C, C++, C#.

Deep Learning Frameworks: Tensorflow and Keras.

Internet of Things: Raspberry Pi, Arduino, Node MCU.

Databases: Postgres, MongoDB.

Full-Stack Development: Django, Spring Boot, Docker, Redis, RabbitMQ, Celery, React, HTML5, CSS3, Bootstrap.

Mobile app development: Flutter, React Native.

Cloud: Amazon Web Services, Heroku

Other: Linux, Shell Scripts, Git, Blockchain, Tinkercad, Unity.

ONLINE COURSES AND SPECIALIZATIONS:

Deep Learning Specialization (5 courses) by DeepLearning.ai on Coursera.

AWS Fundamentals: Going Cloud-Native by Amazon Web Services, Coursera.

What is Data Science by IBM, Coursera

Programming for Everybody: Getting started with Python by University of Michigan, Coursera

OTHER LINKS:

Personal Website: <https://surajsain.ml>

GitHub: <https://github.com/surajsain>

Stackoverflow: <https://stackoverflow.com/users/9142137/suraj-s-jain>

Research Gate: <https://cutt.ly/DIHgl1V>